INDEX

Abshagen, J., Meincke, O., Pfister, G., Cliffe, K. A. & Mullin, T. Transient dynamics at the onset of Taylor vortices, 335–343

Alam, M. & Luding, S. Rheology of bidisperse granular mixtures via event-driven simulations, 69–103

Benzi, R. *See* Casciola, Gualtieri, Benzi & Piva

Bottaro, A., Corbett, P. & Luchini, P. The effect of base flow variation on flow stability, 239–302

Casciola, C. M., Gualtieri, P., Benzi, R. & Piva, R. Scale-by-scale budget and similarity laws for shear turbulence, 105–114

Cliffe, K. A. *See* Abshagen, Meincke, Pfister, Cliffe & Mullin

Corbett, P. *See* Bottaro, Corbett & Luchini

Crowdy, D. G. Compressible bubbles in Stokes flow, 345–356

Eloy, C., Le Gal, P. & Le Dizès, S. Elliptic and triangular instabilities in rotating cylinders, 357–388

Glezer, A. *See* James, Smith & Glezer; James, Vukasinovic, Smith & Glezer

Gomilko, A. M., Malyuga, V. S. & Meleshko, V. V. On steady Stokes flow in a trihedral rectangular corner, 159–177

Gualtieri, P. *See* Casciola, Gualtieri, Benzi & Piva

Hutter, K. *See* Weis & Hutter

James, A. J., Smith, M. K. & Glezer, A. Vibration-induced drop atomization and the numerical simulation of low-frequency single-droplet ejection, 29–62

James, A. J., Vukasinovic, B., Smith, M. K. & Glezer, A. Vibration-induced drop atomization and drop bursting, 1–28

Kumar, B. *See* Mittal & Kumar

Le Dizès, S. *See* Eloy, Le Gal & Le Dizès

Lee, J. H. S. *See* Ng & Lee

Le Gal, P. *See* Eloy, Le Gal & Le Dizès

Legendre, D. *See* Magnaudet, Takagi & Legendre

Luchini, P. *See* Bottaro, Corbett & Luchini

Luding, S. *See* Alam & Luding

Magnaudet, J., Takagi, S. & Legendre, D. Drag, deformation and lateral migration of a buoyant drop moving near a wall, 115–157

Malyuga, V. S. *See* Gomilko, Malyuga & Meleshko

Meincke, O. *See* Abshagen, Meincke, Pfister, Cliffe & Mullin

Meleshko, V. V. *See* Gomilko, Malyuga & Meleshko

Meunier, P. & Villermaux, E. How vortices mix, 213–222

Mittal, S. & Kumar, B. Flow past a rotating cylinder, 303–334

Mullin, T. *See* Abshagen, Meincke, Pfister, Cliffe & Mullin

Ng, H. D. & Lee, J. H. S. Direct initiation of detonation with a multi-step reaction scheme, 179–211

Ogilvie, G. I. & Proctor, M. R. E. On the relation between viscoelastic and magnetohydrodynamic flows and their instabilities, 389–409

Pfister, G. *See* Abshagen, Meincke, Pfister, Cliffe & Mullin

Piva, R. *See* Casciola, Gualtieri, Benzi & Piva

Proctor, M. R. E. *See* Ogilvie & Proctor

INDEX

Abshagen, J., Meincke, O., Pfister, G., Cliffe, K. A. & Mullin, T. Transient dynamics at the onset of Taylor vortices, 335–343

Alam, M. & Luding, S. Rheology of bidisperse granular mixtures via event-driven simulations, 69–103

Benzi, R. *See* Casciola, Gualtieri, Benzi & Piva

Bottaro, A., Corbett, P. & Luchini, P. The effect of base flow variation on flow stability, 239–302

Casciola, C. M., Gualtieri, P., Benzi, R. & Piva, R. Scale-by-scale budget and similarity laws for shear turbulence, 105–114

Cliffe, K. A. *See* Abshagen, Meincke, Pfister, Cliffe & Mullin

Corbett, P. *See* Bottaro, Corbett & Luchini

Crowdy, D. G. Compressible bubbles in Stokes flow, 345–356

Eloy, C., Le Gal, P. & Le Dizès, S. Elliptic and triangular instabilities in rotating cylinders, 357–388

Glezer, A. *See* James, Smith & Glezer; James, Vukasinovic, Smith & Glezer

Gomilko, A. M., Malyuga, V. S. & Meleshko, V. V. On steady Stokes flow in a trihedral rectangular corner, 159–177

Gualtieri, P. *See* Casciola, Gualtieri, Benzi & Piva

Hutter, K. *See* Weis & Hutter

James, A. J., Smith, M. K. & Glezer, A. Vibration-induced drop atomization and the numerical simulation of low-frequency single-droplet ejection, 29–62

James, A. J., Vukasinovic, B., Smith, M. K. & Glezer, A. Vibration-induced drop atomization and drop bursting, 1–28

Kumar, B. *See* Mittal & Kumar

Le Dizès, S. *See* Eloy, Le Gal & Le Dizès

Lee, J. H. S. *See* Ng & Lee

Le Gal, P. *See* Eloy, Le Gal & Le Dizès

Legendre, D. *See* Magnaudet, Takagi & Legendre

Luchini, P. *See* Bottaro, Corbett & Luchini

Luding, S. *See* Alam & Luding

Magnaudet, J., Takagi, S. & Legendre, D. Drag, deformation and lateral migration of a buoyant drop moving near a wall, 115–157

Malyuga, V. S. *See* Gomilko, Malyuga & Meleshko

Meincke, O. *See* Abshagen, Meincke, Pfister, Cliffe & Mullin

Meleshko, V. V. *See* Gomilko, Malyuga & Meleshko

Meunier, P. & Villermaux, E. How vortices mix, 213–222

Mittal, S. & Kumar, B. Flow past a rotating cylinder, 303–334

Mullin, T. *See* Abshagen, Meincke, Pfister, Cliffe & Mullin

Ng, H. D. & Lee, J. H. S. Direct initiation of detonation with a multi-step reaction scheme, 179–211

Ogilvie, G. I. & Proctor, M. R. E. On the relation between viscoelastic and magnetohydrodynamic flows and their instabilities, 389–409

Pfister, G. *See* Abshagen, Meincke, Pfister, Cliffe & Mullin

Piva, R. *See* Casciola, Gualtieri, Benzi & Piva

Proctor, M. R. E. *See* Ogilvie & Proctor

Ridha, A. Flow along streamwise corners revisited, 223–265

Sharpe, G. J. & Short, M. Detonation ignition from a temperature gradient for a two-step chain-branching kinetics model, 267–292

Short, M. *See* Sharpe & Short

Smith, M. K. *See* James, Smith & Glezer; James, Vukasinovic, Smith & Glezer

Takagi, S. *See* Magnaudet, Takagi & Legendre

Villermaux, E. *See* Meunier & Villermaux

Vukasinovic, B. *See* James, Vukasinovic, Smith & Glezer

Weis, J. & Hutter, K. On Euclidean invariance of algebraic Reynolds stress models in turbulence, 63–68